Datasheet for ABIN1667470

Zwf2 Protein (ZWF2) (AA 1-466) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	Zwf2 (ZWF2)
Protein Characteristics:	AA 1-466
Origin:	Mycobacterium tuberculosis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Zwf2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MVDGGGGASD LLVIFGITGD LARKMTFRAL YRLERHQLLD CPILGVASDD MSVGQLVKWA RESIGRTEKI DDAVFDRLAG RLSYLHGDVT DSQLYDSLAE LIGSACRPLY YLEMPPALFA PIVENLANVR LLERARVAVE KPFGHDLASA LELNARLRAV LGEDQILRVD HFLGKQPVVE LEYLRFANQA LAELWDRNSI SEIHITMAED FGVEDRGKFY DAVGALRDVV QNHLLQVLAL VTMEPPVGSS ADDLNDKKAE VFRAMAPLDP DRCVRGQYLG YTEVAGVASD SATETYVALR TEIDNWRWAG VPIFVRAGKE LPAKVTEVRL FLRRVPALAF LPNRRPAEPN QIVLRIDPDP GMRLQISAHT DDSWRDIHLD SSFAVDLGEP IRPYERLLYA GLVGDHQLFA REDSIEQTWR IVQPLLDNPG EIHRYDRGSW GPEAAQSLLR GHRGWQSPWL PRGTDA
Specificity:	Mycobacterium tuberculosis
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	Zwf2 (ZWF2)
Alternative Name:	Probable glucose-6-phosphate 1-dehydrogenase (zwf2) (ZWF2 Products)
Background:	Recommended name: Probable glucose-6-phosphate 1-dehydrogenase. Short name= G6PD. EC= 1.1.1.49
UniProt:	P0A586

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL
Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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